

Table S2. PCR detection of Potyviruses LYSV and OYDV, Allexiviruses and Carlaviruses in garlic tissues prior to *in vitro* culture, and following sanitation via shoot tip culture and cryotherapy. 32 garlic bulbs was separated into cloves and each genotype/clove served as an explant in different *in vitro* experiments. + detected; - not detected

Sample number	LYSV			OYDV			Allexiviruses			Carlaviruses		
	Cloves no treatment	Shoot tip	Cryotherapy	Cloves no treatment	Shoot tip	Cryotherapy	Cloves no treatment	Shoot tip	Cryotherapy	Cloves no treatment	Shoot tip	Cryotherapy
1	+	+	+	-	-	-	+	-	-	-	-	+
2	+	+	+	-	-	-	+	+	-	-	-	-
3	+	-	-	-	-	-	+	-	-	-	-	-
4	+	-	-	-	+	-	+	-	-	-	-	-
5	+	+	+	-	-	-	+	+	+	-	-	-
6	+	+	+	+	+	+	-	+	-	-	+	-
7	+	+	-	-	+	-	-	+	-	-	+	-
8	+	+	+	+	+	+	+	-	-	+	+	-
9	-	-	-	+	+	-	-	-	+	+	+	-
10	+	+	-	+	+	-	+	+	-	-	-	-
11	+	+	-	-	+	-	+	-	+	-	-	-
12	+	+	-	+	+	-	+	+	-	+	-	-
13	+	-	+	+	+	+	+	+	+	+	-	-
14	+	+	+	-	-	-	+	+	+	-	-	-
15	+	+	-	+	+	-	+	+	+	+	+	-
16	+	+	+	+	+	-	-	-	-	-	-	-
17	+	+	+	-	-	-	-	-	-	+	-	-
18	+	+	-	+	-	-	+	+	-	-	-	-
19	+	+	+	-	-	-	-	-	-	-	-	-
20	+	+	-	+	+	-	+	+	-	+	-	-
21	+	+	-	-	-	-	-	+	-	-	-	-
22	+	+	+	-	-	-	+	+	-	-	-	-
23	+	+	+	+	-	-	+	+	-	+	+	+
24	+	+	-	+	-	-	+	+	-	+	+	-
25	-	+	-	+	-	-	+	-	-	-	-	-
26	+	+	+	+	-	-	+	+	-	+	+	-
27	+	+	-	+	-	-	-	+	-	+	+	-
28	+	-	-	+	-	-	+	+	-	-	+	-
29	-	+	+	+	-	-	+	+	-	-	-	-
30	+	+	-	-	-	-	+	+	-	-	-	-
31	+	+	+	+	+	+	-	+	+	-	-	+
32	+	+	+	+	+	+	-	-	-	+	+	+